

**To:** Ross, Mary[Ross.Mary@epa.gov]; Flowers, Lynn[Flowers.Lynn@epa.gov]; Frithsen, Jeff[Frithsen.Jeff@epa.gov]  
**From:** Jarabek, Annie  
**Sent:** Tue 8/11/2015 2:44:25 PM  
**Subject:** RE: No action -- Gold King Mine Release - Aminas River contamination data

I definitely think ecological effects will be a huge concern. Wondering if we shouldn't start to compile available screening or clean-up values for these metals?

Annie

Annie M. Jarabek

Senior Toxicologist

National Center for Environmental Assessment (NCEA)

Deputy Director

Human Health Risk Assessment (HHRA) research program

US EPA

RTP, NC 27711

Mobile (*Best way to reach me*): 919.637.6016

Office: 919.541.4847

Email: jarabek.annie@epa.gov



*Go Green - print this email only if necessary*

**From:** Ross, Mary

**Sent:** Tuesday, August 11, 2015 9:43 AM  
**To:** Flowers, Lynn; Frithsen, Jeff  
**Cc:** Jarabek, Annie  
**Subject:** FW: No action -- Gold King Mine Release - Aminas River contamination data

Thanks, Lynn. I agree, I don't think NCEA is a big player initially for the hydrologic modeling components. As questions arise about assessing impacts, it also sounds like eco effects may be important so I'll include Jeff here too.

**From:** Flowers, Lynn  
**Sent:** Tuesday, August 11, 2015 8:31 AM  
**To:** Ross, Mary  
**Cc:** Jarabek, Annie  
**Subject:** FW: No action -- Gold King Mine Release - Aminas River contamination data

Mary: Given that you were the invitee on the meeting on this topic yesterday....I am forwarding. Greg sent it to me and Annie. Given the discussion yesterday, I won't do anything unless asked. Looks like it is under control with lots of cooks in the kitchen.

Hopefully we won't be asked to estimate human toxicity from this.

Lynn

Lynn Flowers, PhD, DABT

Associate Director for Health

National Center for Environmental Assessment

US EPA

Washington, DC

703-347-8537

**From:** Sayles, Gregory

**Sent:** Tuesday, August 11, 2015 8:24 AM

**To:** Hoff, Dale; Creed, Jack; Garland, Jay; Jarabek, Annie; Flowers, Lynn; Olden, Kenneth;

Benson, William; Fontaine, Thomas; Speth, Thomas; Lytle, Darren;

**Personal Email/Ex. 6**

Butler, Barbara; Watkins, Tim; Ernst, Hiba; Magnuson, Matthew; Szabo, Jeff; Orme-Zavaleta,

Jennifer; Sonich-Mullin, Cynthia; Steenbock, John; Russo, Bill

**Cc:** Kavlock, Robert; Burke, Thomas

**Subject:** No action -- Gold King Mine Release - Aminos River contamination data

**No Action.**

Folks –

At this moment, I'm not sure what ORD expertise will be called upon today or tomorrow. However, I wanted to share this info so that our folks can see the currently available data and to begin thinking about what this means to their area of expertise (analytical, toxicity, etc.)

Attached is:

1. The situation report about the release – this is several days old so it gives details about the situation associated with the first few days.
2. Preliminary data from the Animas River on metals at a bunch of locations.

This data is from an internal On-Scene Coordinators site, so please keep it internal. It is all the data that is posted now. Bob K. mentioned yesterday that EPA plans to release data ASAP, but I'm not sure this data is released or not.

**Eric Koglin of NHSRC is working with me to coordinate ORD technical support. You may begin to receive emails or calls from him too as this incident progresses.**

Thanks

Greg

**Gregory Sayles, Ph.D.**

Acting Director, National Homeland Security Research Center

U.S. EPA Office of Research and Development

Cincinnati, OH 45268

Tel. 513.569.7607

*[www. epa.gov/nhsrc](http://www.epa.gov/nhsrc)*